



COMMONWEALTH of VIRGINIA

Department of Health
DIVISION OF SHELLFISH SANITATION
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YORK RIVER: WEST POINT VICINITY **King and Queen, King William, and New Kent Counties** **Shoreline Sanitary Survey**

Date: May 25, 2005
Survey Period: February 17, 2005 – April 27, 2005
Total Number of Properties Surveyed: 695
Surveyed By: S. E. Naylor

SECTION A: GENERAL

This survey area extends from Reference Point 49 at Belleview on the York River to the mouth of Burnt Mill Creek on the Mattaponi River, across the Mattaponi River to a point opposite the mouth of Burnt Mill Creek, across King William County to the mouth of Herrick Creek on the Pamunkey River, across the Pamunkey River to a point opposite the mouth of Herrick Creek and south to Reference Point 50 at Terrapin Point on the York River; including the shoreline of the York River, Mattaponi River and the Pamunkey River between these two reference points, Hockley Creek, Bakers Creek, Robinson Creek, Goalders Creek, West Point Creek, Herrick Creek (Olssons Pond), Eltham Marsh, Thorofare, Mill Creek, Ferry Creek, Baker Creek, Philbates Creek and all of their tributaries. The survey boundary has been revised. See map for current survey boundary.

The topography of the area varies in elevation from 5' around the shoreline to a maximum of 50' at the outer edge of the survey boundary. The population varies from sparse in the countryside with moderate concentrations along U.S. Route 33 in King and Queen County and the communities of Eltham, Plum Point, and Barhamsville in New Kent County to somewhat heavy in and around the Town of West Point. The economy is dependent primarily upon industry, commerce and agriculture. The largest employer in the area is the Smurfit-Stone pulp and paper mill.

Meteorological data indicated that 9.51" of rain fell during the survey period. A monthly breakdown follows:

February 17-28	0.98"
March	4.89"
April 1-27	3.64"

The current restrictions on shellfish harvesting is Condemned Shellfish Area #4, Upper York River, revised 5 November 2004. A copy of the current condemnation notice and map is attached to the back of this report. This report lists only those properties which have a sanitary deficiency or have other environmental significance. **"DIRECT"** indicates that the significant activity or deficiency has a direct impact on shellfish waters. Individual field

forms with full information on properties listed in this report are on file in the Richmond Office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent resurvey of the area. Data in the report is also made available to local health departments and other agencies to address items that may be out of compliance with their regulatory programs.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT FACILITIES

19. ***DIRECT*** – Town of West Point, Trenton Funkhouser, Town Manager, P.O. Box 152, West Point 23181. Municipal sewage treatment plant. VPDES Permit #VA0075434. Design flow 0.6 MGD. Treatment facility consists of pretreatment, an off-line flow equalization basin, two primary clarifiers, two trickling filters, two secondary clarifiers, and one chlorine contact tank. The wasted sludge is stabilized by two aerobic digesters and dewatered on six sand drying beds. Final effluent discharges into the Mattaponi River. The most recent Department of Environmental Quality inspection report is attached.

ON-SITE SEWAGE DEFICIENCIES

3. **CONTRIBUTES POLLUTION** – 958 York River Road, Shackleford 23156. Dwelling- white asbestos siding 2 story with red shutters. 3 persons. Cracked lid on septic tank, effluent erupting onto ground surface. Sanitary Notice issued 2-18-05 to field #43.
4. **CONTRIBUTES POLLUTION** – 470 York River Road, Shackleford 23156. Dwelling- blue asbestos siding 2 story with white trim. 2 persons. Make-shift wooden lid covering tank, effluent erupting onto ground surface. Sanitary Notice issued 2-18-05 to field #50.
7. **CONTRIBUTES POLLUTION** – 6473 Lewis B. Puller Memorial Highway, Mattaponi 23110. Dwelling- white vinyl siding 1 story with detached garage. 2 persons. Effluent erupting from septic tank onto ground surface 30' from drainage ditch at 1' elevation. Sanitary Notice issued 3-2-05 to field #108.
8. **CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes)** – 167 Simpson Creek Road, Mattaponi 23110. Dwelling- gray vinyl siding 1 story with black shutters. 2 persons. Laundry wastes erupting from septic tank onto ground surface. Sanitary Notice issued 3-3-05 to field #146.
9. **CONTRIBUTES POLLUTION** – 6816 Lewis B. Puller Memorial Highway, Mattaponi 23110. Dwelling- white asbestos siding 1 story with detached yellow vinyl siding garage. 1 person. Effluent erupting from septic tank and drainfield onto ground surface. Sanitary Notice issued 3-7-05 to field #175.
10. **CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes)** – 6792 Lewis B. Puller Memorial Highway, Mattaponi 23110. Dwelling- white aluminum siding 1 story. 3 persons. Laundry wastes discharge to ground surface via underground pipe from house. Sanitary Notice issued 3-7-05 to field #177.
12. **CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes)** – 6478 Lewis B. Puller Memorial Highway, Mattaponi 23110. Dwelling- gray vinyl siding 2 story with red shutters. No contact. Unapproved, make-shift lid over grease trap. Sanitary Notice issued 3-7-05 to field #193.

14. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – 144 Gregory Lane, Mattaponi 23110. Dwelling- brick ranch style 1 story with white shutters. 1 person. Laundry wastes erupting from grease trap to ground surface 50' from marsh at 6' elevation. Sanitary Notice issued 3-15-05 to field #251.
15. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – 110 Virginia Avenue, Mattaponi 23110. Dwelling- white vinyl siding 2 story with red shutters. 2 persons. Laundry wastes erupting from drainfield onto ground surface. Sanitary Notice issued 3-15-05 to field #254.
20. CONTRIBUTES POLLUTION – 3210 ODI Street, West Point 23181. Dwelling- blue vinyl siding 1 story with white trim. No contact. Unapproved, make-shift lid over septic tank 15' from drainage ditch. Sanitary Notice issued 3-24-05 to field #284.
21. CONTRIBUTES POLLUTION – 430 East Magnolia Avenue, West Point 23181. Dwelling- brick ranch style 1 story. 3 persons. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 3-25-05 to field #287.
22. CONTRIBUTES POLLUTION – 540 East Magnolia Avenue, West Point 23181. Dwelling- brick ranch style 1 story with green shutters and yellow trim. 2 persons. Effluent erupting from drainfield onto ground surface 40' from ditch. Sanitary Notice issued 3-29-05 to field #297.
23. CONTRIBUTES POLLUTION – 3410 Bond Street, West Point 23181. Dwelling- yellow wood siding 1 story with blue trim. 1 person. Effluent erupting from end of drainfield onto ground surface 25' from ditch. Sanitary Notice issued 3-29-05 to field #302.
24. CONTRIBUTES POLLUTION – 4020 King William Avenue, West Point 23181. Dwelling- white asbestos siding 1 ½ story. No contact. Effluent erupting from septic tank onto ground surface approximately 500' from Olsson's Pond. Sanitary Notice issued 3-30-05 to field #317.
25. CONTRIBUTES POLLUTION – 34067 King William Avenue, West Point 23181. Dwelling- white asbestos siding 1 ½ story. No contact. Effluent erupting from drainfield onto ground surface approximately 200' from Olsson's Pond. Sanitary Notice issued 3-30-05 to field #320.
29. CONTRIBUTES POLLUTION – 19130 Eltham Road, West Point 23181. Dwelling- white vinyl siding 2 story with green shutters. No contact. Unapproved wooden, make-shift lid over septic tank. Sanitary Notice issued 3-31-05 to field #331.
30. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – 19110 Eltham Road, West Point 23181. Dwelling- white aluminum siding 2 story with white awnings. 2 persons. Laundry wastes drain onto ground surface via 2" black hose from shed. Sanitary Notice issued 3-31-05 to field #333.
31. CONTRIBUTES POLLUTION – 19030 Eltham Road, West Point 23181. Dwelling- gray vinyl siding 2 story with red shutters. 2 persons. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 3-31-05 to field #336.

32. CONTRIBUTES POLLUTION – 19010 Eltham Road, West Point 23181. Dwellings- Three travel trailers. 8+ persons. Lid of septic tank removed, contents exposed. Sanitary Notice issued 3-31-05 to field #345.
33. CONTRIBUTES POLLUTION – 19010 Eltham Road, West Point 23181. Dwellings- Three travel trailers (Lot #s 26, 29, 27). 8+ persons. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 3-31-05 to field #350.
36. CONTRIBUTES POLLUTION – 18825 Eltham Road, West Point 23181. Dwelling- white asbestos siding 1 story with black shutters. No contact. Broken lid to septic tank, contents exposed. Sanitary Notice issued 4-7-05 to field #442.
39. CONTRIBUTES POLLUTION, ***DIRECT*** – 8111 Farmers Drive, West Point 23181. Dwelling- brick 1 ½ story with green shutters. No contact. Effluent erupting from drainfield onto ground surface into Mill Creek marsh. Sanitary Notice issued 4-7-05 to field #454.
40. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – 8330 Mill Creek Road, West Point 23181. Dwelling- white vinyl siding 1 story with detached garage. No contact. Laundry wastes erupting from grease trap onto ground surface 25' from drainage ditch at 2' elevation. Sanitary Notice issued 4-12-05 to field #460.
41. CONTRIBUTES POLLUTION – 8315 Mill Creek Road, West Point 23181. Dwelling- brick ranch style 1 story with white shutters and detached garage. 2 persons. Effluent erupting from septic tank onto ground surface 40' from ditch at 3' elevation. Sanitary Notice issued 4-12-05 to field #476.
42. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – 19141 Eltham Road, West Point 23181. Dwelling- white aluminum siding 2 story with green shutters. No contact. Laundry wastes discharge from house to ground surface via 4" white PVC pipe. Sanitary Notice issued 4-14-05 to field #488.
44. CONTRIBUTES POLLUTION – 7885 Maryland Avenue, West Point 23181. Dwelling- gray vinyl siding 1 story with blue shutters. 1 person. Broken cap to septic tank clean-out. Sanitary Notice issued 4-18-05 to field #560.
45. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – 19541 Mattaponi Road, West Point 23181. Dwelling- white vinyl siding 1 story with brown shutters. 4 persons. Laundry wastes draining onto ground surface via 2" clear plastic hose. Sanitary Notice issued 4-19-05 to field #574.
46. CONTRIBUTES POLLUTION – 839 Plum Point Road, West Point 23181. Dwelling- tan vinyl siding and stucco 1 story with red shutters. 2 persons. Lid to septic tank is broken and covered with a piece of sheet metal. Pipe from house to septic tank is broken, effluent erupting onto ground surface. Sanitary Notice issued 4-19-05 to field #576.
47. CONTRIBUTES POLLUTION – 7909 Vermont Avenue, West Point 23181. Dwelling- white vinyl siding 1 ½ story with blue shutters. 2 persons. Cracked lid to grease trap, contents exposed. Sanitary Notice issued 4-20-05 to field #592.

POTENTIAL POLLUTION

1. 1792 York River Road, Shackleford 23156. Dwelling- yellow vinyl siding 1 ½ story with brown shutters. 2 persons. Occupant stated that toilet has problems flushing, no evidence of discharge at time of survey.
2. 1768 York River Road, Shackleford 23156. Dwelling- white asbestos siding 1 ½ story with green shutters and carport. No contact. 2" buried black hose observed exiting from house. End of hose could not be located.
5. 227 Airport Road, Mattaponi 23110. Dwelling- white particle board siding 1 story with green shutters and shed. 1 person. Owner states that septic system has problems in extremely wet weather. No evidence of discharge at time of survey.
28. 19250 Eltham Road, West Point 23181. Business- 7-11 Store and Citgo gas station. 3 employees. Manager states tank must be pumped weekly to prevent drainfield from erupting on to ground surface. No evidence of discharge at time of survey.
34. 8117 Parks Road, West Point 23181. Dwelling- brick 1 story with white trim. 2 persons. Owner states septic system works slow during wet weather. No evidence of discharge at time of survey.
35. 8125 Parks Road, West Point 23181. Dwelling- white construction block 1 story with green shutters. 2 persons. Owner's state septic system works poorly in wet weather. No evidence of discharge at time of survey.
38. 8003 Farmers Drive, West Point 23181. Dwelling- white aluminum siding 1 story with brown shutters. 3 persons. Distribution box has been dug up; occupant states septic system was working poorly. No evidence of discharge at time of survey. Observed on-site were junked cars, lawnmowers, scrap metal, and a house trailer scattered about the property 10' from Mill Creek.
48. 19438 Mattaponi Road, West Point 23181. Dwelling- tan asbestos siding 1 story with light brown shutters. 1 person. Occupant states septic system is working poorly. No evidence of discharge at time of survey.

SECTION C: NON-SEWAGE WASTE SITES

INDUSTRIAL WASTES

6. ASB Greenworld, 496 Airport Road, Mattaponi 23110. Plant Manager: Ray Hogge, PO Box 207, Mattaponi 23110. Business: Manufacturing of potting soil and bark products. 10-25 employees. Located on property was one 500 gallon above ground diesel fuel tank. Bags of potting soil and mulch are stored on pallets outside of factory and all runoff is collected into a retention pond on property. Currently operating under permit #VAR051378 for stormwater and industrial wastes discharges from the Department of Environmental Quality.
11. Walter C. Via Enterprises, 6574 Lewis B. Puller Memorial Highway, Mattaponi 23110. Business: shopping center and general contracting office. 10 employees. Located on property was one 500 gallon above ground used oil tank without a physical berm.

16. **DIRECT** – Occupant: Massey Oil Company, 7th Street, West Point 23181. Owner: Massey family, PO Box 470, West Point 23181. Business: fuel oil and oil distributor. 8 employees. Located on property were seven 15,000 gallon above ground tanks of fuel oil, gasoline, and kerosene inside a concrete berm and one 500 gallon truck tank of varsol. Property is located approximately 5' from the Mattaponi River.

17. **DIRECT** – Occupant: Papco Oil Company, 270 Glass Island Road, West Point 23181. Owner: Papco Oil Company, PO Box 471, West Point 23181. Business: fuel oil distributor. 6-9 employees. Located on property were two 20,000 gallon gas and fuel oil tanks, one 40,000 gallon fuel oil tank, three 15,000 gallon kerosene and gas tanks and thirteen 55 gallon oil drums. All tanks are located above ground inside an earthen berm approximately 15' from the marsh.

26. **DIRECT** – Smurfit-Stone Container Enterprises, Inc. d/b/a Smurfit-Stone Container Corporation, PO Box 100, West Point 23181. Business: wood pulp mill, paper mill and bleach plant. Approximately 615 employees. Process waste water treatment plant utilizing an activated sludge process. VPDES permit #VA0003115. Has no designed flow limitations. Treatment facility consists of 5 pump stations, flow equalization, 6 mechanical bar screens, 2 primary clarifiers, a 30" magnetic flow meter, nutrient addition, defoamer, a cooling tower, 3 UNOX aeration basins, 3 secondary clarifiers, 2 sludge screws, 2 coil (vacuum) filters, 1 belt press for dewatering sludge. Sludge is burned in a wood waste boiler. Final effluent is piped into the Pamunkey River.

27. **DIRECT** – Smurfit-Stone Container Enterprises, Inc., PO Box 100, West Point 23181. Business: wood pulp mill, paper mill and bleach plant. Approximately 615 employees. Industrial waste lagoon. VPDES permit #VA0003115. The lined black liquor storage pond contains black liquor generated as a byproduct of the pulping process. The storage pond is a manufacturing process unit which recycles the black liquor to be used as a fuel and a feedstock in a chemical recovery furnace. There is no discharge to surface or ground surface.

37. Britt's Septic Tank Service, 8001 Farmers Drive, West Point 23181. Business: Septic tank service. Tan concrete block 1 story office building. 3 employees. Located on property was one 500 gallon above ground diesel fuel tank without a berm approximately 100' from Mill Creek at 8' elevation.

SOLID WASTE DUMPSITES

37. Britt's Septic Tank Service, 8001 Farmers Drive, West Point 23181. Business: Septic tank service. 3 employees. Observed on-site were various car parts, used oil, and scrap metal scattered about the property.

43. **DIRECT** - Bob Alley Towing, 19343 Eltham Road, West Point 23181. Business: Car towing company. 2 employees. Approximately one acre of junked cars and car parts 5-10' from the Pamunkey River.

SECTION D: BOATING ACTIVITY**MARINAS**

26. Smurfit-Stone Container Enterprises, Inc., P.O. Box 100, West Point 23181. Business: wood pulp mill, paper mill and bleach plant with docking facilities for receiving chips, caustic and fuel oil by barge. Approximately 615 employees. Present at time of survey were 2 tugboats and an emergency boat on lift. Boating services provided are fuel, water and electricity. There are containers available for solid waste collection and bilge water collection. Sanitary facilities provided are 2 commodes, 1 urinal, 2 lavatories, and 2 showers for men. Sewage disposal is by connection to the West Point STP. Britt's Septic Tank Service provides pump out as needed for holding tanks.

UNDER SURVEILLANCE

13. Burnt Mill Landing, end of Rt. 605, Mattaponi 23110. Owner: Virginia Department of Transportation, Richmond 23219. Public boat ramp. No contact. There were no boats present at time of survey. The only boating service provided is an in-out ramp and a trash receptacle. There are no sanitary facilities, boat holding tank pump-out facilities or dump station facilities provided at this location.

18. Glass Island Boat Landing, end of Rt. 1130, West Point 23181. Owner: Department of Game and Inland Fisheries, 4010 West Broad Street, Richmond 23230. Public boat ramp and fishing pier. No contact. 2 slips/moorings. There were no boats present at time of survey. The only boating services available are an in-out ramp and trash receptacles. Sanitary facilities provided is one unisex porta-john which is also used as a dump station for portable marine toilets. There are no boat holding tank pump-out facilities provided at this location.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

49. 6601 Holly Fork Road, West Point 23181. Dwelling- white vinyl siding 2 story with red shutters and matching horse stable. 2 persons. Present at time of survey were 2 horses, 6 goats, and 5 chickens. All animals are in fenced areas greater than 500' from a tributary of the York River. Waste disposal is unknown.

SUMMARY

Area #049

York River: West Point Vicinity

May 25, 2005

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT FACILITIES

1 – DIRECT – #19

0 – INDIRECT – None

1 – B.1. TOTAL

2. ON-SITE SEWAGE DEFICIENCIES – Correction of deficiencies in this section is the responsibility of the local health department.

1 – CONTRIBUTES POLLUTION, DIRECT – #39

18 – CONTRIBUTES POLLUTION, INDIRECT – #3, 4, 7, 9, 20, 21, 22, 23, 24, 25, 29, 31, 32, 33, 36, 41, 44, 46

0 – CP (Kitchen or Laundry Wastes), DIRECT – None

10 – CP (Kitchen or Laundry Wastes), INDIRECT – #8, 10, 12, 14, 15, 30, 40, 42, 45, 47

0 – NO FACILITIES, DIRECT – None

0 – NO FACILITIES, INDIRECT – None

29 – B.2. TOTAL

3. POTENTIAL POLLUTION – Periodic surveillance of these properties will be maintained to determine any status change.

8 – POTENTIAL POLLUTION – #1, 2, 5, 28, 34, 35, 38, 48

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

3 – DIRECT – #16, 17, 26

4 – INDIRECT – #6, 11, 27, 37

7 – C.1. TOTAL

2. SOLID WASTE DUMPSITES

2 – DIRECT – #37, 43

0 – INDIRECT – None

2 – C.2. TOTAL

SECTION D: BOATING ACTIVITY

1 – MARINAS – #26

0 – OTHER PLACES WHERE BOATS ARE MOORED – None

2 – UNDER SURVEILLANCE – #13, 18

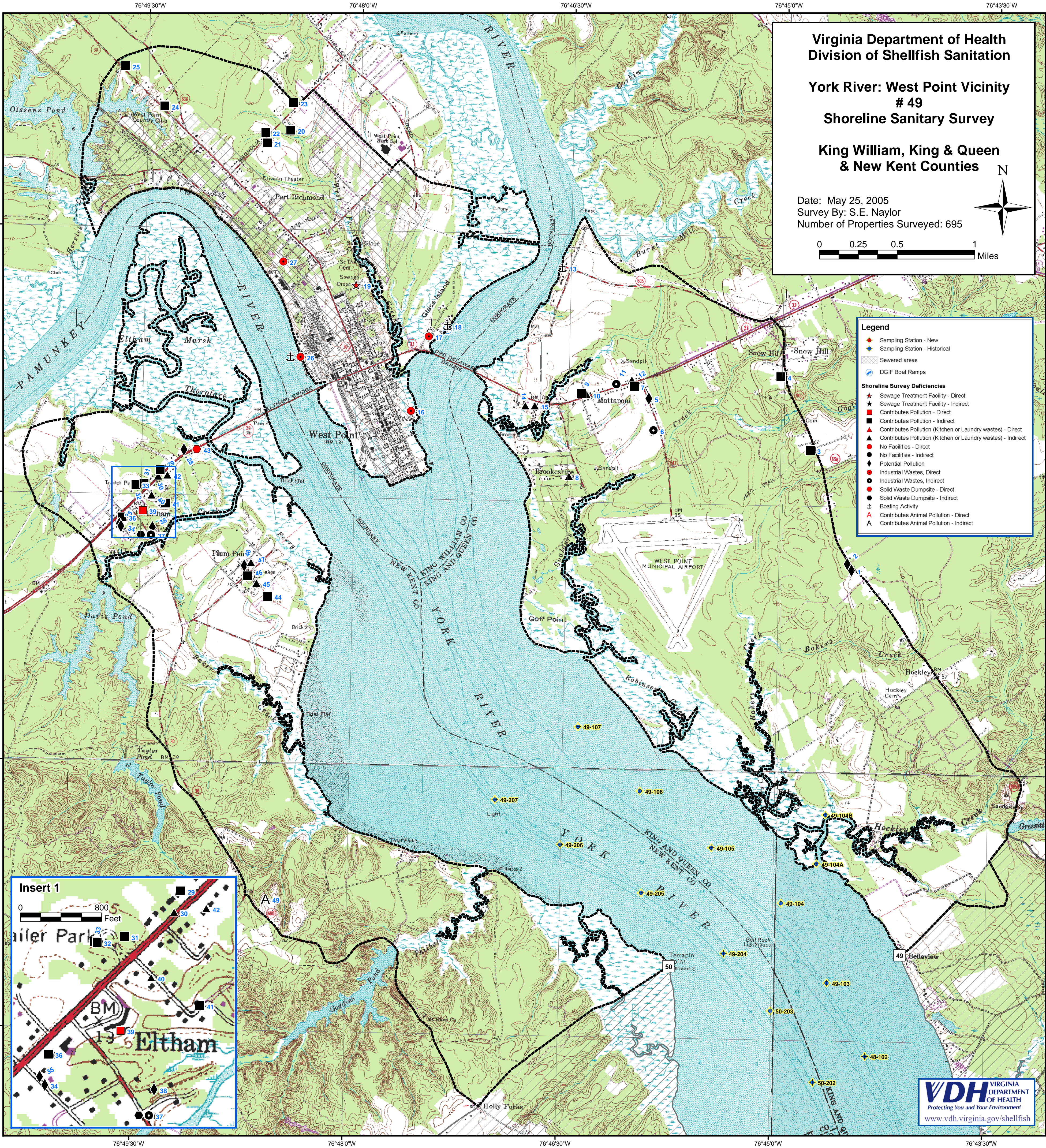
3 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

0 – DIRECT – None

1 – INDIRECT – #49

1 – E. TOTAL

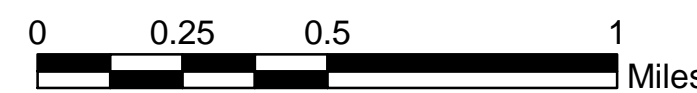


Virginia Department of Health
Division of Shellfish Sanitation

York River: West Point Vicinity
49
Shoreline Sanitary Survey

King William, King & Queen
& New Kent Counties

Date: May 25, 2005
Survey By: S.E. Naylor
Number of Properties Surveyed: 695



Legend

- Sampling Station - New
- Sampling Station - Historical
- Sewered areas
- DGIF Boat Ramps

Shoreline Survey Deficiencies

- Sewage Treatment Facility - Direct
- Sewage Treatment Facility - Indirect
- Contributes Pollution - Direct
- Contributes Pollution - Indirect
- Contributes Pollution (Kitchen or Laundry wastes) - Direct
- Contributes Pollution (Kitchen or Laundry wastes) - Indirect
- No Facilities - Direct
- No Facilities - Indirect
- Potential Pollution
- Industrial Wastes - Direct
- Industrial Wastes - Indirect
- Solid Waste Dumpsite - Direct
- Solid Waste Dumpsite - Indirect
- Boating Activity
- Contributes Animal Pollution - Direct
- Contributes Animal Pollution - Indirect

